

035950/US/2 - 475396-00167  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s) : Vera Cherepinsky et al.  
Serial No. : To be assigned  
Filed : Herewith (February 1, 2006)  
Entitled : METHODS, SOFTWARE ARRANGEMENTS, STORAGE  
MEDIA, AND SYSTEMS FOR GENOTYPING OR  
HAPLOTYPING POLYMORPHIC GENETIC LOCI OR  
STRAIN IDENTIFICATION  
Group Art Unit : To be assigned  
Examiner : To be assigned

INFORMATION DISCLOSURE STATEMENT

**EXPRESS MAIL NO.: EV 642 787 678 US**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants bring to the attention of the Examiner the documents listed on the attached Form PTO 1449, and respectfully request that the listed documents be considered by the Examiner and made of record in the above-captioned application. Copy of the U.S. Patent reference listed on the PTO-1449 form is not enclosed, but the PCT publication and articles are enclosed.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed documents are material or constitute "prior art." If the Examiner applies the documents as prior art against any claim in the

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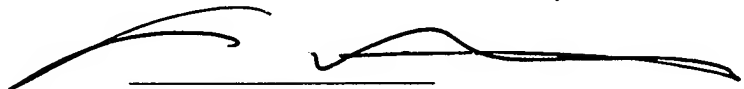
application and applicant determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of the documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should the documents be applied against the claims of the present application.

This submission is being filed before any action by the U.S. Patent and Trademark Office on the merits. Therefore, applicants do not believe that any fee is due in connection with the submission of this paper. However, if any fee is due, or if any overpayment has been made, the Commissioner is authorized to charge any such fee or credit any overpayment, to our Deposit Account No. 50-2054.

Respectfully submitted,

**DORSEY & WHITNEY, LLP**



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Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.  
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Serial No. **10/567126**  
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Applicant(s)  
Vera Cherepinsky

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**U.S. PATENT DOCUMENTS**

*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	6 5 8 2 9 0 9	June 24, 2003	Bougueleret et al.			

**FOREIGN PATENT DOCUMENT**

Document No.	Date	Country	Class	SubClass	Translator Yes No
WO 8 9 1 0 9 7 7	November 16, 1989	WIPO			

**OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)**

	H.J. Noreen et al., "Validation of DNA-based HLA-A and HLA-B testing of volunteering for a bone marrow registry through parallel testing with serology", Tissue Antigens, 2001:57; pages 221-229.
	Andreas Krause et al., "Accurate method for fast design of diagnostic oligonucleotide probe sets for DNA microarray", Second IEEE International Workshop on High Performance Computational Biology, 2003 pages 1-9
	Haiyuan Yu et al. "Chromosomal location effects on gene expression: unraveling the contributions from chromatin super-structure and microarray artifacts", Department of Molecular Biophysics and Biochemistry Yale University, 2004
	Yuval Kluger et al., "Relationship between gene co-expression and probe localization on microarray slides", Department of Molecular Biophysics and Biochemistry Yale University, 2004
	Jiang Qian et al., "Spatial artifacts in microarray data: spurious correlations and the techniques to remove them", Department of Molecular Biophysics and Biochemistry Yale University, 2004
	Sam Rash et al., "String barcoding: Uncovering Optimal Virus Signatures", Proceedings of the Sixth Annual International Conference on Computational Biology, 2002 pages 254-261
	David J. Lockhart, "Expression monitoring by hybridization to high-density oligonucleotide arrays", Nature Biotechnology, December 1996, Vol. 14, page 1675-1680

4836-8581-5296\1

Examiner

Date Considered

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		Vera Cherepinsky et al., "HLA Typing", Courant Institute of Mathematical Science, New York University, July 30, 2003, pages 1-14
		Fugen Li et al., "Selection of optimal DNA oligos for gene expression arrays", 2001, Vol. 17 No. 11, pages 1067-1076
		<i>Dictionary of Algorithms and Data Structures at NIST</i> at URL <a href="http://www.nist.gov/dads/">http://www.nist.gov/dads/</a>

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